

INTEGRATED BONE CEMENT MIXING AND DISPENSING SYSTEM**Publication number:** EP0938368**Publication date:** 1999-09-01**Inventor:** BARKER DONALD (US); SEATON JAMES P (US)**Applicant:** BARKER DONALD (US); SEATON JAMES P (US)**Classification:**

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By providing a single housing comprising a mixing chamber integrally combined with a delivery chamber or tube, a unitary, fully integrated, bone cement mixing and dispensing system is attained which eliminates user exposure or handling of the mixed bone cement. In the present invention, the two chambers of the integrated system of the present invention are movable between two alternate positions, a first position wherein each chamber is sealed from the other, and a second position wherein the two chambers are in direct communication with each other. In this way, the mixing chamber is operated independently of the delivery chamber for preparing the bone cement and, once prepared, easily transferred from the mixing chamber through the delivery chamber for immediate use.

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